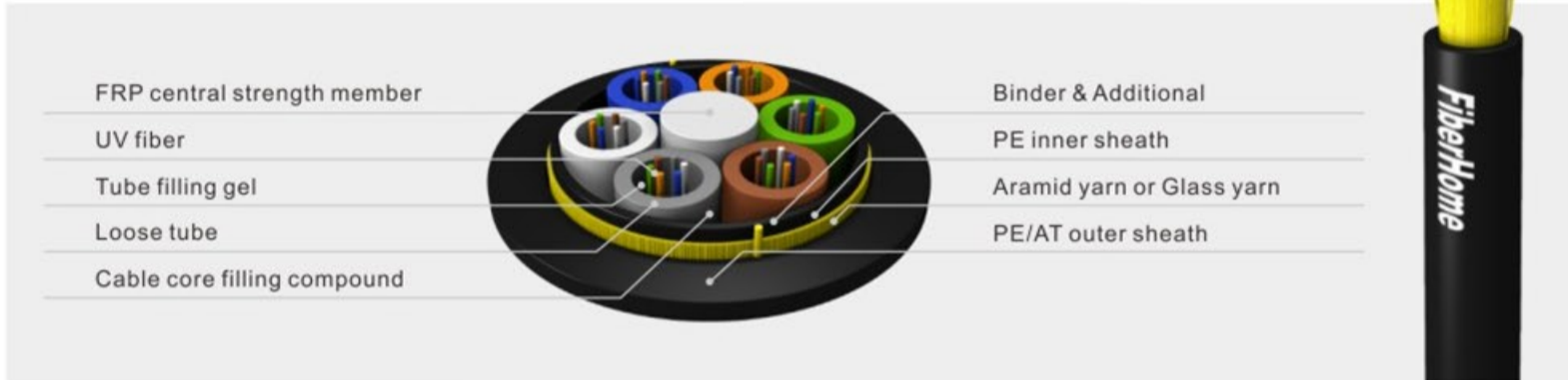


All-Dielectric Self-Supporting

ADSS (Long Span)-Aerial

- Fiber reinforced plastic central strength member
- Loose tube stranded
- PE sheath all-dielectric
- Self-supporting aerial cable



Performance

Application

- The actual status of overhead power lines

Operating Temperature

- -40°C~+70°C

Features and Benefits

Water-blocking construction	Moisture-proof and prevents water penetration
Special filling gel in loose tubes	Reduce or eliminate reflection losses and prevent water penetration
All dielectric construction design	Eliminates electromagnetic induction effect
Strict craft and raw material control enable	Lifespan over 30 years
Customized longitudinal color strip	Easy identification, packing and maintenance
High voltage fields	Special PEIAT (anti-tracking) outer sheath suitable for installation in induced voltage fields

Note

- The cable technology parameters and fiber count, weather, span can be designed according to the project's requirement
- For the actual status of overhead power lines and the load on pole and towers suspension point. AT outer sheath is applied
- Large span lengths and the largest span is over 1200m

Technical Specification

Fiber Count	Nominal Diameter (mm)	Nominal Weight (kg/km)	Max Fibers per Tube	No. of (Tubes + Fillers)	Allowable Tensile Load (N)		Allowable Crush Resistance (N/100mm)	
					Short Term	Long Term	Short Term	Long Term
2~36	10.7	92	6	6	2700	1000	1000	300
38~72	11.6	103	12	6	2700	1000	1000	300
74~96	13.3	149	12	8	2700	1000	1000	300
98~120	14.8	180	12	10	2700	1000	1000	300
122~144	16.4	222	12	12	2700	1000	1000	300
146~216	18.8	224	12	18 (2layers)	2700	1000	1000	300
>216	Available upon customer's request							

* The cable technology parameters and fiber count, weather, span can be designed according to the project's requirement
 * For the actual status of overhead power lines and the load on pole and towers suspension point. AT outer sheath is applied